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Dr. Hong-Yul Paik
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Dear Dr. Paik:

Following recent discussions between representatives of the NASA and Republic of Korea Ministry of Science and Technology (MOST) Space Science Investigators Consultative Group, an interest has been identified in potential U.S./Korean collaboration involving the Advanced Cosmic-ray Composition Experiment for the Space Station (ACCESS). ACCESS is a planned NASA space science mission tentatively planned to be flown on the International Space Station (ISS) in the 2006 timeframe. Specifically, NASA proposes to conduct a joint study with the Korea Aerospace Research Institute, as the MOST designated representative, to investigate the feasibility of KARI's development and delivery to NASA of the ACCESS Payload Support and Interface Module (APSIM).

Through this letter and your favorable letter of reply, NASA proposes to establish an Agreement under which NASA and KARI (hereinafter referred to as the "Parties"), shall conduct a feasibility study potentially leading to cooperation on NASA's ACCESS mission. NASA and KARI understand that, should a decision be taken to cooperate on the ACCESS program as a result of this study, the terms and conditions of such an arrangement will be contained in separate agreements.

RESPONSIBILITIES

To implement this Agreement, NASA will use reasonable efforts to:

- 1) Provide KARI with Phase-A level concept information for the ACCESS payload which will allow KARI to prepare a basic design and development approach for the APSIM, to include:

- a) the ACCESS interface design requirements (i.e. structural, thermal, power, safety, command and data handling, electrical)
 - b) Shuttle and ISS interface requirements
 - c) key deliverables and approximate schedules
- 2) Conduct an analysis of the KARI prepared APSIM basic design and development approach and provide an assessment of the compatibility with ACCESS mission requirements;
 - 3) Host at NASA or NASA contractor facilities a minimum of two ACCESS technical interchange meetings and participate in a minimum of two site survey/technical interchange meetings hosted by KARI in South Korea;
 - 4) Propose options for access by the Republic of Korea to science utilization opportunities on the ISS, and evaluate Korean proposal(s);
 - 5) Issue jointly with KARI a summary of the findings regarding the feasibility of pursuing cooperation on ACCESS.

To implement this cooperation, KARI will use reasonable efforts to:

- 1) Use the ACCESS concept information provided by NASA and prepare a basic design and development approach for the APSIM;
- 2) Support a minimum of two NASA-hosted technical interchange meetings in the U.S., and host a minimum of two site visit/technical interchange meetings in South Korea;
- 3) Evaluate options for Republic of Korea access to science utilization opportunities on the ISS, and provide proposal(s) to NASA;
- 4) Issue jointly with NASA a summary of the findings regarding the feasibility of pursuing cooperation on ACCESS.

KEY MILESTONES

First Technical Interchange Meeting:

Late September 2000

Conclusion of Study and Presentation
of Joint Findings

March 1, 2000

POINTS OF CONTACT

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